



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12421670  
SAU: MSAD 48  
School: Sebasticook Valley Middle Scho

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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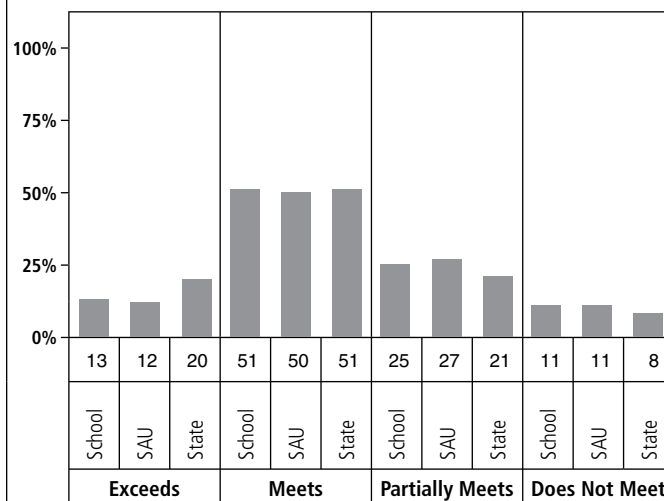
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle Scho

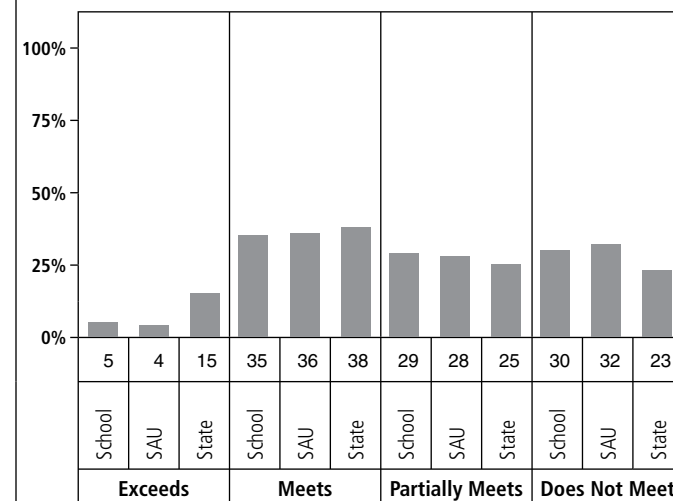
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	850	844	847
2007–2008	850	846	849
<b>2008–2009</b>	<b>847</b>	<b>846</b>	<b>850</b>
Cum. Avg.*	849	845	849
<b>Mathematics</b>			
2006–2007	839	834	842
2007–2008	836	835	841
<b>2008–2009</b>	<b>837</b>	<b>837</b>	<b>843</b>
Cum. Avg.*	837	835	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>842</b>	<b>840</b>	<b>846</b>

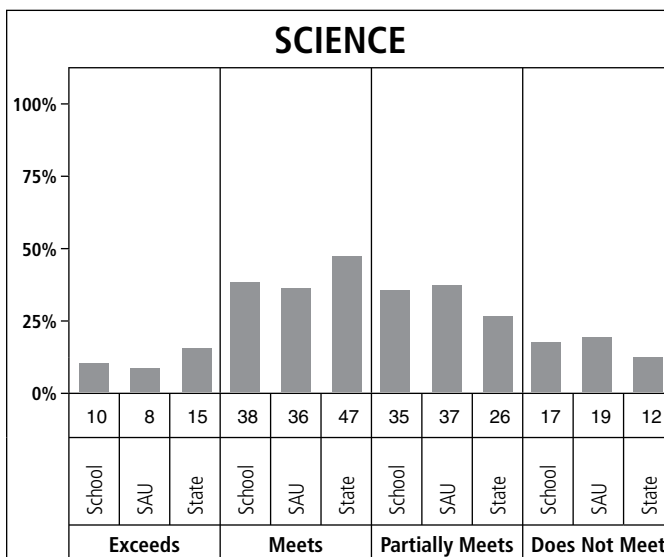
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	93	100	155	100	14804	100	92	99	153	99	14659	99	92	99	152	98	14653	99	92	99	152	98	14626	99
<b>Ethnicity</b> African American/Black	0	0	1	1	377	3	0	0	1	100	366	97	0	0	1	100	371	98	0	0	1	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	93	100	154	99	13878	94	92	99	152	99	13756	99	92	99	151	98	13742	99	92	99	151	98	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	19	20	28	18	2489	17	19	100	27	96	2434	99	19	100	27	96	2424	98	19	100	27	96	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	48	52	85	55	5460	37	47	98	83	98	5380	99	47	98	82	96	5377	99	47	98	82	96	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	47	51	103	66	12132	82	46	49	101	65	12124	82	47	51	102	66	12169	82
Identified disability (PET/IEP)	2	4	6	6	379	3	1	2	5	5	380	3	2	4	6	6	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	45	48	49	32	2349	16	46	49	50	32	2347	16	45	48	49	32	2288	15
Identified disability (PET/IEP)	17	38	20	41	1877	80	18	39	21	42	1862	79	17	38	20	41	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	2	4	2	4	70	3	2	4	2	4	70	3	2	4	2	4	66	3
Other	26	58	27	55	292	12	26	57	27	54	297	13	26	58	27	55	280	12
<b>Participation through alternate assessment (PAAP)</b>	0	0	1	1	178	1	0	0	1	1	182	1	0	0	1	1	169	1
Identified disability (PET/IEP)	0	0	1	100	178	100	0	0	1	100	182	100	0	0	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	1	1	2	1	113	1	1	1	3	2	117	1	1	1	3	2	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	16	20	17	12	2407	16
	2007-2008	17	19	19	13	3428	23
	<b>2008-2009</b>	<b>12</b>	<b>13</b>	<b>18</b>	<b>12</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	45	17	54	12	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	40	49	65	46	7494	49
	2007-2008	51	58	76	51	7179	48
	<b>2008-2009</b>	<b>47</b>	<b>51</b>	<b>76</b>	<b>50</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	138	53	217	49	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	21	26	39	28	3628	24
	2007-2008	16	18	35	23	2706	18
	<b>2008-2009</b>	<b>23</b>	<b>25</b>	<b>41</b>	<b>27</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	60	23	115	26	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	5	6	20	14	1810	12
	2007-2008	4	5	19	13	1611	11
	<b>2008-2009</b>	<b>10</b>	<b>11</b>	<b>17</b>	<b>11</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	19	7	56	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.8	60.4	33.1	59.1	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.8	59.0	11.5	57.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.1	61.4	21.6	60.0	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 48  
 School: Sebasticook Valley Middle Scho

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	12	13	47	51	23	25	10	11	847	152	12	50	27	11	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	92	12	13	47	51	23	25	10	11	847	151	12	50	26	11	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	19	0	0	6	32	6	32	7	37	833	26	0	23	38	38	832	2256	2	25	40	34	834
No	73	12	16	41	56	17	23	3	4	851	126	14	56	25	6	849	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	92	12	13	47	51	23	25	10	11	847	152	12	50	27	11	846	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	47	2	4	25	53	14	30	6	13	844	82	7	46	34	12	844	5277	10	46	29	15	844
No	45	10	22	22	49	9	20	4	9	850	70	17	54	19	10	849	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	92	12	13	47	51	23	25	10	11	847	152	12	50	27	11	846	14476	20	51	21	8	850
Gender																						
Female	46	5	11	27	59	12	26	2	4	850	75	11	53	29	7	847	7074	25	51	18	6	852
Male	46	7	15	20	43	11	24	8	17	845	77	13	47	25	16	845	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	1	17	3	50	1	17	1	17	845	12	17	33	33	17	844	857	9	43	35	14	843
No	86	11	13	44	51	22	26	9	10	847	140	11	51	26	11	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	0										0						700	69	30	1	0	867
No	92	12	13	47	51	23	25	10	11	847	152	12	50	27	11	846	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	1	17	1	17	2	33	2	33	839	9	15	38	31	15	844	8	8	39	29	24	841
B. less than one hour	71	8	13	33	52	17	27	6	9	847	72	11	49	29	11	846	51	17	53	22	8	849
C. one to two hours	20	3	17	11	61	3	17	1	6	851	18	15	63	19	4	850	36	24	52	18	5	852
D. more than two hours	2	0	0	1	50	0	0	1	50	837	1	0	50	0	50	837	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	6	24	15	60	4	16	0	0	855	30	23	59	14	5	853	31	35	50	11	4	856
B. good	38	4	12	18	53	8	24	4	12	847	41	10	48	30	13	845	47	16	55	21	7	849
C. fair	26	2	9	11	48	7	30	3	13	844	23	6	50	35	9	844	18	5	47	33	15	842
D. poor	9	0	0	2	25	3	38	3	38	832	7	0	30	40	30	833	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	47	6	14	25	60	10	24	1	2	851	40	13	60	23	3	850	32	27	54	14	5	853
B. They match some of what I have learned.	40	6	17	15	42	9	25	6	17	845	48	13	44	28	15	844	52	18	53	22	8	850
C. They match just a little of what I have learned.	11	0	0	6	60	2	20	2	20	842	10	7	53	27	13	843	12	11	45	29	15	844
D. There is no match.	2	0	0	0	0	1	50	1	50	829	2	0	0	67	33	831	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	11	0	0	4	40	1	10	5	50	833	10	0	40	13	47	833	15	13	42	28	17	844
B. about the same as my regular schoolwork	65	7	12	32	55	16	28	3	5	849	68	11	54	29	6	848	64	19	53	20	7	850
C. easier than my regular schoolwork	24	5	24	10	48	5	24	1	5	850	22	22	44	28	6	848	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	7	0	0	1	17	1	17	4	67	826	7	0	30	30	40	833	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	59	7	14	27	54	14	28	2	4	849	58	12	52	30	6	847	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	34	4	14	16	55	6	21	3	10	848	35	14	52	22	12	847	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	56	5	10	31	62	9	18	5	10	848	41	11	59	20	10	848	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	39	7	20	12	34	12	34	4	11	846	53	13	44	33	10	845	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	3	75	1	25	0	0	849	6	11	56	22	11	847	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	13	0	0	9	75	1	8	2	17	846	15	9	70	13	9	848	19	26	53	15	6	853
B. 20 minutes to an hour	47	7	17	22	52	11	26	2	5	850	40	15	57	22	7	849	40	25	52	17	6	852
C. less than 20 minutes	18	3	19	9	56	2	13	2	13	848	17	19	46	23	12	846	15	18	51	21	10	849
D. I rarely read at home.	22	2	10	6	30	8	40	4	20	841	27	5	33	45	18	840	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	22	5	25	10	50	5	25	0	0	854	28	24	49	24	2	852	42	27	51	15	6	853
B. agree	59	6	11	30	57	10	19	7	13	846	56	7	56	23	14	844	50	15	53	23	9	848
C. disagree	13	1	8	4	33	6	50	1	8	844	11	12	35	47	6	846	7	8	46	32	14	843
D. strongly disagree	6	0	0	2	40	1	20	2	40	839	5	0	29	43	29	839	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	25	0	0	0	0	0	0	1	100	828	25	0	0	0	100	828						
B.	25	0	0	0	0	0	0	1	100	802	25	0	0	0	100	802						
C.	0										0											
D.	50	0	0	0	0	1	50	1	50	831	50	0	0	50	50	831						

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	4	5	4	3	1952	13
	2007-2008	1	1	2	1	1657	11
	<b>2008-2009</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	10	4	12	3	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	32	39	43	31	5870	38
	2007-2008	31	35	48	32	5956	40
	<b>2008-2009</b>	<b>32</b>	<b>35</b>	<b>54</b>	<b>36</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	95	36	145	33	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	28	34	47	34	3982	26
	2007-2008	28	32	48	32	3729	25
	<b>2008-2009</b>	<b>27</b>	<b>29</b>	<b>42</b>	<b>28</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	83	32	137	31	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	18	22	46	33	3534	23
	2007-2008	28	32	51	34	3579	24
	<b>2008-2009</b>	<b>28</b>	<b>30</b>	<b>49</b>	<b>32</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	74	28	146	33	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	25.3	45.2	25.1	44.8	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.6	45.0	3.7	46.3	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.1	50.6	8.0	50.0	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.2	35.0	4.3	35.8	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	9.4	47.0	9.2	46.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 48  
 School: Sebasticook Valley Middle Scho

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	5	5	32	35	27	29	28	30	837	151	4	36	28	32	837	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	92	5	5	32	35	27	29	28	30	837	150	4	36	28	32	837	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	19	0	0	1	5	3	16	15	79	817	26	0	8	12	81	818	2242	2	12	22	63	824
No	73	5	7	31	42	24	33	13	18	842	125	5	42	31	22	841	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	92	5	5	32	35	27	29	28	30	837	151	4	36	28	32	837	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	47	2	4	16	34	14	30	15	32	834	81	4	33	30	33	835	5270	6	30	28	36	835
No	45	3	7	16	36	13	29	13	29	840	70	4	39	26	31	839	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	92	5	5	32	35	27	29	28	30	837	151	4	36	28	32	837	14466	15	38	25	23	843
Gender																						
Female	46	2	4	20	43	13	28	11	24	841	75	3	36	31	31	838	7070	15	39	25	22	843
Male	46	3	7	12	26	14	30	17	37	834	76	5	36	25	34	837	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	1	17	3	50	2	33	835	12	0	33	33	33	837	857	5	25	33	37	835
No	86	5	6	31	36	24	28	26	30	837	139	4	36	27	32	837	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	92	5	5	32	35	27	29	28	30	837	151	4	36	28	32	837	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	0	0	2	33	1	17	3	50	829	9	8	46	15	31	840	8	8	24	24	44	833
B. less than one hour	71	4	6	17	27	24	38	19	30	836	72	4	30	33	34	836	51	12	38	26	23	842
C. one to two hours	20	1	6	11	61	2	11	4	22	843	18	4	52	19	26	841	36	19	40	23	19	845
D. more than two hours	2	0	0	0	0	0	0	2	100	823	1	0	0	0	100	823	5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	15	2	15	8	62	2	15	1	8	852	17	13	58	13	17	849	28	33	41	15	11	852
B. good	36	3	9	12	38	7	22	10	31	837	37	6	42	19	34	838	45	11	43	25	21	842
C. fair	40	0	0	9	26	14	40	12	34	834	39	0	25	43	32	834	21	3	27	35	35	834
D. poor	9	0	0	1	13	3	38	4	50	825	8	0	17	33	50	828	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	33	2	7	12	40	6	20	10	33	839	27	8	43	20	30	840	28	23	41	21	15	848
B. They match some of what I have learned.	52	3	6	17	36	17	36	10	21	840	55	4	38	32	27	838	52	13	40	25	21	843
C. They match just a little of what I have learned.	10	0	0	1	11	3	33	5	56	825	14	0	19	33	48	829	16	8	28	30	34	836
D. There is no match.	4	0	0	0	0	1	25	3	75	817	4	0	0	17	83	820	4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	34	1	3	8	27	14	47	7	23	836	36	2	26	43	28	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	60	4	8	20	38	12	23	17	32	839	54	5	44	23	29	840	52	13	41	25	20	843
C. easier than my regular schoolwork	6	0	0	2	40	0	0	3	60	827	10	7	21	0	71	829	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	55	2	4	17	35	16	33	13	27	838	46	3	34	39	24	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	41	3	8	13	36	9	25	11	31	838	49	6	40	18	36	838	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	1	25	3	75	820	5	0	0	25	75	821	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	13	2	17	3	25	2	17	5	42	836	21	6	26	19	48	834	34	18	40	22	20	845
B. two or three days a week	50	1	2	15	33	14	31	15	33	835	53	3	34	32	32	836	35	14	38	26	21	843
C. two or three times each month	30	2	7	12	44	8	30	5	19	843	21	6	50	25	19	843	18	12	37	27	24	841
D. never or almost never	7	0	0	0	0	3	50	3	50	827	5	0	14	43	43	830	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	3	0	0	1	33	0	0	2	67	833	3	0	25	0	75	832	9	13	38	23	26	841
B. two or three days a week	2	0	0	1	50	1	50	0	0	841	3	0	60	20	20	843	17	11	37	26	26	841
C. two or three times each month	16	1	7	7	50	2	14	4	29	839	15	5	41	23	32	837	28	15	40	25	20	844
D. never or almost never	79	4	6	21	30	24	34	21	30	837	79	4	33	31	32	837	46	16	36	24	23	843
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of mathematics will be useful to me as an adult."</b>																						
A. strongly agree	48	5	12	18	42	12	28	8	19	843	53	8	41	27	24	841	52	19	41	22	18	846
B. agree	43	0	0	12	32	12	32	14	37	834	39	0	31	31	38	835	39	11	35	27	27	840
C. disagree	3	0	0	0	0	0	0	3	100	815	3	0	20	0	80	821	6	7	28	26	39	835
D. strongly disagree	6	0	0	0	0	3	60	2	40	828	5	0	14	43	43	831	3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	25	0	0	0	0	0	0	1	100	800	25	0	0	0	100	800						
B.	25	0	0	0	0	0	0	1	100	816	25	0	0	0	100	816						
C.	0										0											
D.	50	0	0	0	0	0	0	2	100	823	50	0	0	0	100	823						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	9	10	12	8	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	35	38	55	36	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	32	35	56	37	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	16	17	28	19	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	29.3	52.3	28.3	50.5	32.0	57.1
<b>D. The Physical Setting</b>	31	55	15.5	50.0	15.2	49.0	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	8.8	51.8	8.7	51.2	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	6.7	47.9	6.4	45.7	7.7	55.0
<b>E. The Living Environment</b>	25	45	13.8	55.2	13.2	52.8	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	92	9	10	35	38	32	35	16	17	842	151	8	36	37	19	840	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	92	9	10	35	38	32	35	16	17	842	150	8	37	37	18	840	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	19	1	5	2	11	6	32	10	53	829	26	4	12	31	54	829	2221	3	22	36	38	832
No	73	8	11	33	45	26	36	6	8	845	125	9	42	38	11	842	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	92	9	10	35	38	32	35	16	17	842	151	8	36	37	19	840	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	47	5	11	16	34	15	32	11	23	840	81	9	32	38	21	840	5184	6	40	33	21	840
No	45	4	9	19	42	17	38	5	11	843	70	7	41	36	16	841	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	92	9	10	35	38	32	35	16	17	842	151	8	36	37	19	840	14258	15	47	26	12	846
<b>Gender</b>																						
Female	46	2	4	18	39	20	43	6	13	841	75	3	33	45	19	838	6953	14	47	28	11	846
Male	46	7	15	17	37	12	26	10	22	842	76	13	39	29	18	842	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	6	0	0	3	50	2	33	1	17	842	12	0	42	33	25	839	828	5	35	40	20	839
No	86	9	10	32	37	30	35	15	17	842	139	9	36	37	18	840	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	92	9	10	35	38	32	35	16	17	842	151	8	36	37	19	840	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 48  
School: Sebasticook Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	1	17	0	0	2	33	3	50	833	9	23	23	23	31	841	8	8	34	28	30	837
B. less than one hour	71	7	11	24	38	22	34	11	17	842	72	7	36	38	19	840	51	14	48	27	11	846
C. one to two hours	20	1	6	9	50	7	39	1	6	844	18	4	44	41	11	842	36	19	48	24	9	848
D. more than two hours	2	0	0	0	0	1	50	1	50	830	1	0	0	50	50	830	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	10	1	11	3	33	4	44	1	11	845	14	5	35	40	20	841	23	27	47	17	8	851
B. good	54	5	10	18	38	16	33	9	19	841	55	9	38	33	21	840	53	15	50	26	10	847
C. fair	28	2	8	10	40	10	40	3	12	842	26	8	34	47	11	841	20	4	43	35	18	840
D. poor	8	1	14	2	29	2	29	2	29	841	5	13	25	38	25	840	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	22	3	15	9	45	5	25	3	15	844	22	16	41	28	16	843	26	20	49	23	9	849
B. They match some of what I have learned.	51	4	9	16	36	18	40	7	16	841	55	6	35	39	20	839	51	14	48	26	11	846
C. They match just a little of what I have learned.	21	2	11	6	32	8	42	3	16	842	20	7	31	48	14	841	18	13	44	28	15	844
D. There is no match.	6	0	0	2	40	1	20	2	40	834	3	0	40	20	40	834	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	24	3	14	6	29	6	29	6	29	838	25	8	33	42	17	840	32	13	45	28	14	844
B. about the same as my regular schoolwork	55	4	8	18	38	20	42	6	13	842	59	7	36	38	19	840	56	15	49	25	11	847
C. easier than my regular schoolwork	21	2	11	9	50	6	33	1	6	848	16	13	42	33	13	844	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	52	6	14	18	41	16	36	4	9	845	46	11	38	37	14	843	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	40	3	9	13	38	12	35	6	18	841	49	7	38	38	17	839	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	1	17	1	17	4	67	826	6	0	13	25	63	827	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	24	4	19	7	33	4	19	6	29	842	28	15	29	24	32	840	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	22	0	0	10	50	5	25	5	25	840	23	0	44	35	21	839	23	17	49	22	12	847
C. the course(s) described in B, plus physics	20	2	11	5	28	9	50	2	11	840	17	12	36	40	12	842	21	31	44	17	7	852
D. a life science and physical science class	34	3	10	11	37	14	47	2	7	843	32	6	35	50	8	840	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	19	2	12	6	35	7	41	2	12	846	22	6	48	33	12	844	27	23	47	20	10	849
B. agree	52	4	9	18	39	14	30	10	22	839	47	10	33	36	21	839	37	14	47	27	12	846
C. disagree	19	1	6	6	35	9	53	1	6	842	21	3	32	52	13	838	25	11	48	29	12	845
D. strongly disagree	10	2	22	3	33	2	22	2	22	844	9	14	29	29	29	839	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	28	1	4	12	48	8	32	4	16	843	31	4	44	29	22	840	31	22	46	22	10	849
B. agree	42	4	11	12	32	16	43	5	14	842	46	7	31	49	13	840	50	14	49	26	11	846
C. disagree	19	4	24	4	24	5	29	4	24	841	14	19	24	33	24	840	14	9	45	31	15	843
D. strongly disagree	11	0	0	5	50	3	30	2	20	840	9	8	46	23	23	841	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	25	0	0	0	0	1	100	0	0	832	25	0	0	100	0	832						
B.	25	0	0	0	0	0	0	1	100	814	25	0	0	0	100	814						
C.	0										0											
D.	50	0	0	0	0	1	50	1	50	831	50	0	0	50	50	831						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number